

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
13 September 2001 (13.09.2001)

PCT

(10) International Publication Number  
**WO 01/66163 A1**

(51) International Patent Classification<sup>7</sup>: **A61L 27/32**,  
27/58

[ZA/ZA]; 84 Coghill Road, Lynnwood Glen, 0081 Pretoria  
(ZA).

(21) International Application Number: PCT/IB01/00313

(74) Agent: **KOTZE, Gavin, Salomon**; Adams & Adams Pre-  
toria Office, Adams & Adams Place, 1140 Prospect Street,  
Hatfield, P.O. Box 1014, 0001 Pretoria (ZA).

(22) International Filing Date: 7 March 2001 (07.03.2001)

(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, I.K,  
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,  
MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,  
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(26) Publication Language: English

(30) Priority Data:  
2000/1247 10 March 2000 (10.03.2000) ZA

(71) Applicant (*for all designated States except US*): **TECH-  
NOLOGY FINANCE CORPORATION (PROPRI-  
ETARY) LIMITED** [ZA/ZA], Ground Floor, Corporate  
Place, 23 Fredman Avenue, 2146 Sandton (ZA).

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

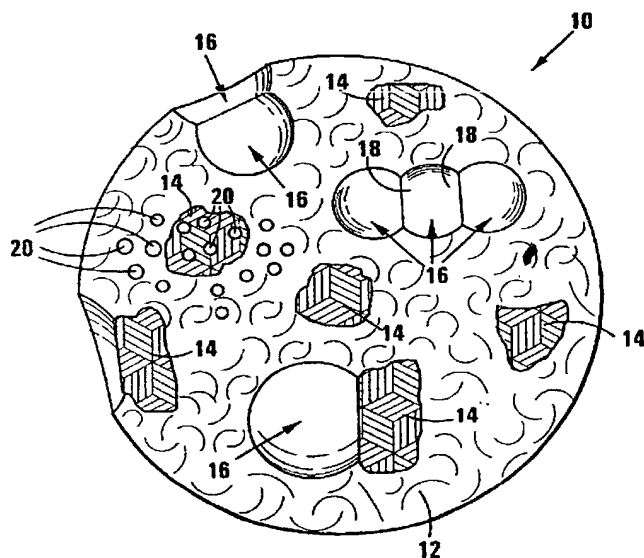
(75) Inventors/Applicants (*for US only*): **RICHTER, Paul,  
Wilhelm** [ZA/ZA]; 718 Umhlanga Street, Wingate park,  
0153 Pretoria (ZA). **THOMAS, Michael, Edward**

Published:

— with international search report

[Continued on next page]

(54) Title: INCLUDING A BODY OF NON-RESORBABLE BIOACTIVE MATERIAL IMPLANT



(57) Abstract: An implant includes a body of non-resorbable bioactive material, with zones of resorbable bioactive material located in the body of non-resorbable material. The sizes of a major proportion of the zones of resorbable material are from 10 to 500 microns.

WO 01/66163 A1